

# Swibrace

## 3D printed casts that will return your smile

Swiss MedTech company developing innovative light and anatomical casts



Our goal is to bring innovation to patients by offering more comfortable and aesthetic casts.



 **swiss made software**

# Benefits at a glance



## Light

A custom-made splint designed based on the exact measures of your wrist



## Elegant

A combination of lightness and elegance for an outstanding result



## Comfortable

A waterproof, soft and elastic splint that can be worn under clothes



## Custom Made

A tailor-made product for each patient for stable, anatomical yet comfortable immobilization



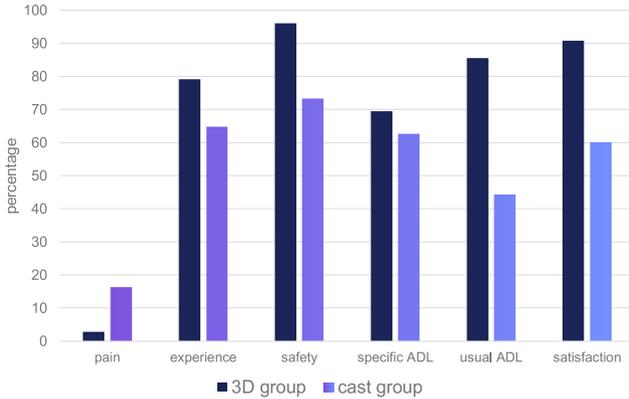
**Swibrace develops innovative non-invasive methods of treatment of common orthopaedic diseases**

Patient-Specific Anatomical Braces (PSAB), perfectly adapted to the patient's morphology, allow optimal immobilisation of the limb.

The cast is light yet resistant, comfortable, radiolucent and elegant. Swibrace's cast can be worn under the clothes and is compatible with some light activities, including white-collar work and some sports. Bath, shower and swimming are allowed.

# Clinical evaluation at Inselspital

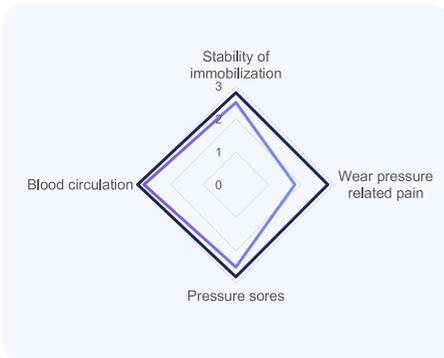
## Preliminary study



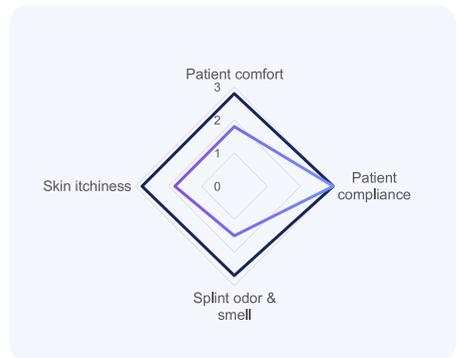
### Patient-rated splint evaluation after splint removal

Higher scores indicate better outcomes, except for pain, where lower scores indicate better outcomes

## Assessment of clinical effectiveness



## Assessment of patient satisfaction



■ Swibrace ■ Control group (standard cast)

■ Swibrace ■ Control group (standard cast)

0 = poor    1 = acceptable  
2 = good    3 = excellent

\*Bernadette Tobler-Ammann, Frédéric Schuind, Loic Voillat, Esther Vögelin

"Acceptability and safety of 3D printed wrist based splints compared to plaster casts for the treatment of non surgical distal radius and scaphoid fractures: feasibility study" presented at Inselspital Bern.

# Creation process and ordering info



## Scan

The procedure starts with a quick and painless scanning session to get the exact morphology of the patient's arm. The precision of the scanning of the limb must be less than 1mm.



## Generate

After uploading the arm's scan on our platform and using our software, the design of the brace is ready in less than fifteen minutes.



## Order

After approval of the quote, Swibrace manufactures the custom-made brace using additive manufacturing in polyamide (the tightening mechanism, by Velcro). You can easily order your personalized brace by using Swibrace's software. Once you order the brace, it will take ten working days to be delivered.



## Wear

The brace is then sent to the patient, to be worn immediately. Its duration is determined by the medical order. Swibrace's cast will resist at least six weeks, under light activities.

With Swibrace's unique software, you can design in a few minutes an anatomical brace that fits the patient's arm perfectly.

Our cast brace is thin yet resistant; patients can wear it under their clothes. The cast includes a tightening mechanism for post-traumatic swelling and is delivered in less than ten days by express mail (service available now only in Switzerland).



# Swibrace

Route de la Fonderie, 2,  
CH-1700 Fribourg

+41 26 505 18 38

[www.swibrace.com](http://www.swibrace.com)

[info@swibrace.com](mailto:info@swibrace.com)

 **swiss made  
software**

